



**Forest Management Analyst
Land Management Division
Recruitment #2007-01-FMA**

AGENCY MISSION AND CHALLENGE:

The mission of the Department of Natural Resources (DNR) is to provide professional, forward-looking stewardship of our state lands, natural resources, and environment. DNR provides leadership under the Commissioner of Public Lands, an elected official, in creating a sustainable future for the State Trust Lands.

At the DNR, we envision a future in which our human and natural environment provides abundant and diverse social, ecological, and economic benefits for the people of Washington, in this and all future generations. In acting to ensure the vision, we ensure sustainability.

DNR manages over 5 million acres of state-owned land that includes forest, range, commercial, agricultural and aquatic lands. Since 1970 DNR-managed lands have generated \$6 billion that support public schools, state institutions and county services. These lands also provide public benefits that include fish and wildlife habitat, clean and abundant water and public access to outdoor recreation. The DNR operates with a biennial budget of approximately \$400 million and has over 1300 employees. For more information about the department, see the DNR website at www.dnr.wa.gov

Job Classification:

Natural Resource Scientist 3

Type of Position:

This is a permanent position.

This position is represented by the WFSE. Once appointed to this position the incumbent will be required to pay union dues or other representation fee within the first 30 days of employment.

Monthly Salary Range:

\$4106-\$5258

Benefits Package:

Health and dental insurance, retirement pension, vacation, sick leave and holidays

Posting Date:

January 9, 2006

Closing Date:

Open Until Filled

Location:

Olympia, WA

POSITION PROFILE

This is a senior forest management analyst position with the Forest Modeling work group in the Data Stewardship Section in Land Management Division that will analyze policy and tactical forest management for the Department's Board of Natural Resource, Executive Management, Division and Region management and district/unit foresters. Major tasks are likely to include: strategic analysis of Department's proposed and adopted policies, statewide sustainable harvest, regional and HCP planning unit tactical plans, harvest scheduling, inventory and silvicultural analysis in addition to other financial and economic analysis related to the management of State Trust forest lands.

REQUIRED POSITION QUALIFICATIONS

- Masters in Forestry, Forest Management or Forest Economics with additional education, experiences or competencies in computer and database programming and management.
- Knowledge of and experience in; Forest management and harvest scheduling, Stand management and silviculture, Forest economics and finance, Mensuration and biometrics, Growth and yield models
- Knowledge of and experience in; Quantitative ecology and general optimization theories and methods (e.g. Linear programming, dynamic programming and computer simulation)
- Knowledge of and experience in; Microeconomics and econometrics, Marginal analysis and investment criteria, Statistics and regression analysis, Calculus and advanced algebra
- Experience in developing research methods, writing publications, doing independent research, and demonstrated excellent teamwork skills.

DESIRED POSITION QUALIFICATIONS

- PhD in Forestry, Forest Management or Forest Economics with additional education, experiences or competencies in computer programming.

- Knowledge of Forest management and silviculture: Pacific Northwest
- Knowledge of and experience using the following programs: Advance user of Microsoft Office (Access, Excel, Word, PowerPoint and Visual Basic for Applications), Basic, Visual Basic and other programming languages (e.g. Fortran, Delphi/Pascal, SAS)
- Knowledge of Forestry models: FVS, ORGANON, FPS, SPS, Options V, Woodstock

SPECIAL POSITION REQUIREMENTS AND WORKING CONDITIONS

- Ability to work on uneven terrain in all weather conditions.
- The incumbent must have a valid drivers license and have two years of driving experience
- The incumbent in this position is required to travel.
- Must be at least 18 years of age at the time of hire.

WHO MAY APPLY

This recruitment is open to anyone who meets the required qualifications for this position.

APPLICATION PROCESS

To be considered for this position please submit:

- A letter of interest describing how your experience and qualifications relate to the job profile and the required and desired position qualifications. Indicate in your letter of interest how you learned of this opportunity.
- A completed state application – www.dnr.wa.gov/jobs/stateapp.doc
- The final candidate will be required to furnish a 5 year driving abstract from the state in which they are licensed.

The first screening will be based on information contained in your letter of interest and your state application.

Submit all materials by the closing date to:

| Electronic method preferred | OR other method |
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| dnrrecruiting@wadnr.gov | Roberta Searles Department of Natural Resources PO BOX 47033 Olympia, WA 98504-7033 |

NOTE: Please indicate Forest Management Analyst, Recruitment #2007-01-FMA in the subject line of your e-mail.

By submitting the application materials you are indicating that all information is true and correct to the best of your knowledge. You understand that the state may verify information and that untruthful or misleading information is cause for removal from applicant pool or dismissal if employed.

For more information about this position, the qualifications or the Department please feel free to contact Angus Brodie, hiring supervisor, at (360) 902-1355.

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